FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO & 1449B/PTO

Con	plete if Known	
Application Number	10/828,557	
Filing Date	April 21, 2004	
First Named Inventor	Douglas G. Storey et al.	
Examiner Name	ROBERT A ZEMAN	
Attorney Docket Number	028722-381	

JUL 2	0 7 2005		J.S. PATENT DOCUMENTS	
Examiner	Document ADENTARIO	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

			FOREIGN PATENT DOCU	MENTS							
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Examiner Initials	Document Number	Kind Code (if known) .	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Spec
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•	NON-PATENT LITERATURE DOCUMENTS							
Examiner • Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
RZ	Aarons, S. et al., "A regulatory RNA (PrrB RNA) modulates expression of secondary metabolite genes in Pseudomonas fluorescens F113," Journal of Bacteriology, 182(14):3913-3919 (2000).							
RZ	Anwar et al., "Susceptibility of biofilm cells of <i>Pseudomonas aeruginosa</i> to bactericidal actions of whole blood and serum," FEMS microbial. Let. 71:235-241 (1992)							
pł	Barta et al., "Regulation of tabtoxin production by the lemA gene in <i>Pseudomonas syringae</i> ," J. Bacteriol. 174:3021-3029 (1992)							
ft	Blumer, D., et al., "Multicopy suppression of a gacA mutation by the infC operon in Pseudomonas fluorescens CHA0: competition with the global translational regulator RsmA, FEMS Microbiology Letters, 187:53-58 (2000).							
fz	Blummer et al., "Global GacA-steered control of cyanide and exoprotease roduction in <i>Pseudomonas fluorescens</i> involves specific ribosome binding sites," Proc. Natl. Adad. Sci. USA, 96:14073-14078 (1999)							
lł	Boyd et al., "Pseudomonas aeruginosa biofolms: role of alginate exopolysaccharide," J. Ind. Microbiol. 15:162-168 (1995)							
ęż	Bradley, "A function of Pseudomonas aeruginosa PAO pili: twitching motility," Can. J. Microbiol. 26:146-154 (1980)							
pt	Brinkman, F. et al., "Evolutionary relationships among virulence-associated histidine kinases, Infection and Immunity," 69:5207-5211 (2001).							
PŁ	Bullock, W.O. et al., "E. coli XL-Blue: a high efficiency plasmid transforming recA Escherichia coli strain with beta-galactosidase selection," Biotechniques, 5:376-378 (1987).							
. Rt	Castaneda et al., "The GacS sensor kinase regulates alginate and poly-beta-hydroxybuyrate production in Azotobacter vinelandii," J. Bacteriol. 182:2624-2628 (2000)							
RZ	Ceri et al., "The Calgary Biofilm Device: A new technology for the rapid determination of antibiotic susceptiability of bacterial biofilms," J. Clin. Microbiol. 37:1771-1776 (1999)							
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Rt	Chancey et al., "Two-component transcriptional regulation of N-acyl-homserine lactone production in Pseudomonas aureofaciens," Appl. Environ. Microbiol., 65:2294-2299 (1999)							
RZ	Chancey et al., "Survival of GacS/GacA mutants of the biological control bacterium Pseudomonas aureofaciens 30-84 in the wheat rhizosphere," Appl. Environ. Microbiol., 68(7):3308-14 (2002)							
Examiner	Date //							

Examiner Signature Date Considered 9/7/65

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 144	19A/PTO & 144	198/PTO		Соп	plete if Known	
	ı	FIRST		Application Number	10/828,557	
·INFO	RMATI	ON DIS	SCLOSURE	Filing Date	April 21, 2004	
STAT	EMEN.	T BY A	PPLICANT	First Named Inventor	Douglas G. Storey et al.	
	(use as man	y sheets es r	ascessary)	Examiner Name	ROBERT A ZEMAN	
Sheet	2	of	7	Attorney Docket Number	028722-381	

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Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Corbell, N. et al. "A global regulator of secondary metabolite production in Pseudomonas fluorescens Pf-5,"
fz 00	J. Bacteriol. 177, 6230-6236 (1995)
	Costerton et al, "Microbial biofilms," Annu. Rev. Microbiol., 49:711-745 (1995)
RZ	Costerton et al., "Bacterial biofoms: a common cause of persistent infections," Science, 284:1318-1322 (1999)
RZ	Davies et al., "The involvement of cell-cell signals in the development of a bacterial biofilm," Science, 280:295-298 (1998)
67	Deziel, E. et al., "Initiation of biofilm formation by Psedomonas aeruginosa 57RP correlates with emergence of hyperpiliated and highly adherent phenotypic variants deficient in swimming, swarming, and twitching motilities," Journal of Bacteriology, 183:1195-1204 (2001).
PZ	Drenkard, E. et al., "Pseudomonas biofilm formation and antibiotic resistance are linked to phenotypic variation," Nature, 416:740-743 (2002).
RZ	Duffy, B. et al., "Controlling instability in gacS-gacA regulatory genes during inoculant production of Pseudomonas fluorescens biocontrol strains," Applied and Environmental Microbiology, 66:3142-3150 (2000).
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RZ	activator of elastase expression," J. Bacteriol. 173:3000-3009 (1991)
65	Gault, M.H. et al. "Staphylococcal epidermidis infection of a hemodialysis button-graft complex controlled by vancomycin for 11 months," Nephron, 45:126-128 (1987).
PZ	Gomez-gomez, J. et al., "H-NS and RpoS regulate emergence of Lac Ara mutants of Escherichia coli MCS2," Journal of Bacteriology, 179(14):4620-4622 (1997).
PZ	Grewal et al., "Identification and characterization of a locus which regulates multiple functions in Pseudomonas tolaasii, the case of brown blotch disease of Agaricus bisporus," J. Bacteriol., 177:4658-4668 (1995)
27	Han, B. et al., "Spontaneous duplication of a 661 bp element within a two-component sensor regulator gene causes phenotypic switching in colonies of Pseudomonas tolaasii, cause of brown blotch disease of mushrooms," Molecular Microbiology, 25:211-218 (1997).
Re	Hass, D. et al., "Signal transduction in plant-beneficial rhizobacteria with biocontrol properties," Antonie van Leeuwenhoek, 81:385-395 (2002).
FC	Heeb, S. et al., "Regulatory roles of the GasS/GasA two-component system in plant-associated and other gram-negative bacteria," Molecular Plant-Microbe Interactions, 14:1351-1363 (2001).
RE	Henderson, I. et al., "Molecular switches – the ON and OFF of bacterial phase variation," Molecular Microbiology, 33:919-932 (1999).
	Heydorn, A. et al., "Statistical analysis of Pseudomonas aeruginosa biofilm development: impact of mutations in genes involved in twitching motility, cell-to-cell signaling, and stationary-phase sigma factor expression," Applied and Environmental Microbiology, 68(4):2008-2017 (2002).
RE	Hirano et al., "Role of Hrp type III secretion system in growth of Pseudomonas syringae pv. Syringae B728a on host plants in the field," Proc. Natl. Acad. Sci. USA, 96:9851-9856 (1999)
RE	Hoang, T. et al., "A broad-host-range FIp-Frt recombination system for site-specific excision of chromosomally-located DNA sequences: applications for isolation of unmarked Pseudomonas aeruginosa mutants," Gene, 212:77-86 (1998).

Examiner Signature Date Considered 9/7/05

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FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 10/828,557

Filing Date April 21, 2004

First Named Inventor Douglas G. Storey et al.

Examiner Name ROBERT A ZEMAN

Attorney Docket Number 028722-381

Sheet 3 of 7

	NON-PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Holloway et al., "Chromosomal genetics of Pseudomonas," Microbiol. Rev. 43:73-102 (1979)
LE	Horii, T. et al., "Relationship between morphological changes and endotoxin release induced by carbapenems in Pseudomonas aeruginosa," Journal of Medical Mibrobiology, 48:309-315 (1999).
RZ	Hrabak et al., "The lemA gene required for pathogenicity of Pseudomonas syringae pv. Syringae on bean is a member of a family of two-component regulators," J. Bacteriol. 174:3011-3020 (1992)
RZ	Jander et al., "Positive correlation between virulence of <i>Pseudomonas aeruginosa</i> mutants in mice and insects. J. Bacteriol. 182:3843-3845 (2000)
02	Jensen et al., "Human polymorphonuclear leukocyte response to <i>Pseudomonas aeruginosa</i> grown in biofilms," Infect. Immun. 58:2383-2385 (1990)
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FZ	Jenson et al., "Some bacterial parameters influencing the neutrophil oxidative burst response to Pseudomonas aeruginosa biofilms," APMIS, 100:727-733 (1992)
PZ.	Johnston et al., "Transcriptional activation of Salmonella typhimurium invasion genes by a member of the phosphorylated response-regulator superfamily," Mol. Microbiol. 22:715-27 (1996)
· Rt	Kim, Y.C. et al., "Identification of adjacent genes encoding the major catalase and a bacterioferritin from the plant-beneficial bacterium Pseudomonas putida," Gene, 199:219-224 (1997)
. lr	Kim et al., "Sensor kinase GacS regulates production of quorum sensing factors, secondary metabolites and root colonization in Pseudomonas chlororaphis O6," Phytopathology, 91:S49 (2001)
02	King, E.O. et al., "Two simple media for the demonstration of pyocyanin and fluorescin," J Lab Clin Med,
et	Kinscherf et al., "Swarming by <i>Pseudomonas syringae</i> B728a requires <i>gacS</i> (<i>lemA</i>) and <i>gacA</i> but not the acyl homoserine lactone biosynthetic gene <i>ahll</i> ," J. Bacteriol. 181:4133-4136 (1999)
pr	Kitten et al., "A newly identified regulator is required for virulence and toxin production in <i>Pseudomonas</i> syringae," Mol. Microbiol. 28:917-929 (1998)
PL	Kitten, T. et al., "Suppression of a sensor kinase-dependent phenotype in Pseudomonas syringae by ribosomal proteins L35 and L20," Journal of Bacteriology, 178:1548-1555 (1996).
fł	Kleerebezem, M. et al., "Quorum sensing by peptide pheromones and two-component signal-transduction systems in Gram-positive bacteria," Molecular Microbiology, 24:895-904 (1997).
pr	Koch, B. et al., "Lipopeptide production in Pseudomonas sp. Strain DSS73 is regulated by components of sugar beet seed exudate via the Gac two-component regulatory system," Applied and Environmental Microbiology, 68(9):4509-4516 (2002).
pt	Kohler et al., "Swarming of <i>Pseudomonas aeruginosa</i> is dependent on cell-to-cell signaling and requires flagella and pili," J. Bacteriol. 182:5990-5996 (2000)
Pt	Kropp et al., "Increased emergence fo spring wheat after inoculation with Pseduomonas chlororaphis isolate 2E3 under field and laboratory conditions," Biol. Fertil. Soils, 23:200-206 (1996)
RZ	Lam et al., "Production of mucoid microcolonies by <i>Pseudomonas aeruginosa</i> within infected lungs in cystic fibrosis," Infect. Immun. 28:546-556 (1980)
. 82	Liao et al., "Molecular characterization of two gene loci required for production of the key pathogenicity factor for pectate lyase in <i>Pseudomonas viridiflava</i> ," Mol. Plant – Microbe Interact. 7:391-400 (1994)
. Pt	Liao et al., "The repB gene required for production of extracellular enzymes and fluorescent siderophores in Pseudomonas viridiflava is an analog of the gacA gene in Pseudomonas syringae," Can. J. Microbiol. 42:177-182 (1996)
LX	Liss et al., "New M13 host:DH5αF' competent cells," Focus 9:13 (1987)
ll	Mahajan-Miklos et al., "Molecular mechanisms of bacterial virulence elucidated using a <i>Pseudomonas</i> aeruginosa – Caenorhabditis elegans pathogenesis model," Cell, 96:47-56 (1999)

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Substitute for form 144	9A/PTO & 144	9B/PTO		Соп	plete if Known	
	F	IRS	T	Application Number	10/828,557	
INFO	RMATIC	ON E	DISCLOSURE	Filing Date	April 21, 2004	
STAT	EMEN	ГВҮ	APPLICANT	First Named Inventor	Douglas G. Storey et al.	
	(use as man	sheets	as necessary)	Examiner Name	ROBERT A ZEMAN	
Sheet	4	of	7	Attorney Docket Number	028722-381	

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	Marrie, T.J., "A scanning electron microscopic study of urine droppers and urine collecting systems," Archives of Internal Medinice, 143:1135-1141 (1983).
02	Marrie, T.J. et al., "Scanning and transmission electron microscopy of in situ bacterial colonization of intravenous and intraarterial catheters," Journal of Clinical Microbiology, 19:687-693 (1984).
l ll	Mascher, F. et al., "Inactivation of the regulatory gene algU or gacA can affect the ability of biocontrol Pseudomonas fluorescens CHA0 to persist as culturable cells in nonsterile soil," Applied and Environmental Microbiology," 68:2085-2088 (2002).
PZ	May et al., "Isolation and assay of Pseudomonas aeruginosa alginate," Methods in enzymology, 235:295- 304 (1994)
fz	Meluleni et al., "Mucoid Pseudomonas aeruginosa growing in a biofilm in vitro are killed by opsonic antibodies to the mucoid exopolysaccharide capsule but not antibodies produced during chronic lung infection in cystic fibrosis patients," J. Immunol., 155:2029-2038 (1995)
ft	McClean et al., "Quorum sensing and Chromobacterium violaceum: exploitation of violacein production and and inhibition for the detection of N-acyl homoserine lactones," Microbiol., 143:3703-3711 (1997)
Rt	Monzon, M. et al., "Synergy of different antibiotic combinations in biofilms of Staphylococcus epidermidis," The Journal of Antimicrobial Chemotherapy, 48:793-801 (2001).
· pt	Morck, D.W. et al., "Microbial biofilms: prevention, control, and removal," In <u>Disinfection, Sterilization and Preservation</u> , Block S.S. (ed), 673-681 (2001).
. er	Mosteller, T.M. et al., "Sanitizer efficacy against attached bacteria in a mild biofilm," Journal of Food Protection, 56:34-41 (1993).
pr	Nichols et al., "The penetration of antibiotics into aggregates of mucoid and non-mucoid Pseudomonas aeruginosa," J. Gen. Microbiol., 135:1291-1303 (1989)
lr	Nickel, C.J. et al., "Electron microscopic study of an infected foley catheter," The Canadian Journal of Surgery, 28: 50-52 (1985).
ft	Nickel, C.J. et al., "Bacterial biofilm in persistent penile prosthesis-associated infection," Journal of Urology, 135:586-588 (1986).
RZ	Ollos, P.J. et al. "Bench scale investigations of bacterial regrowth in drinking water distribution systems," Water Science & Technology, 38:275-282 (1998).
Rt	O'Sullivan et al., "Traits of fluorescent Pseudomonas spp. Involved in suppression of plant root pathogens," Microbiol. Rev. 56:662-676 (1992)
27	O'Toole, G. et al., "Biofilm formation as microbial development," Annual Review of Microbiology, 54:49-79 (2000).
le	O'Toole et al., "Initiation of biofilm formation in <i>Pseudomonas flourescens</i> WCS365 proceeds via multiple, convergent signaling pathways: a genetic analysis," Mol. Microbiol., 28:449-461 (1998) O'Toole et al., "Florellet and builthing motiliby are peopsessy for <i>Pseudomonas apprainasa</i> biofilm
1 12	O Toble et al., Flagellal and (witching mounty are necessary for Fseudomonas aeruginosa biolini
Rt	development," Mol., Microbiol. 30:295-304 (1998) O'Toole et al., "The global carbon metabolism regulator Cre is a component of a signal transduction pathway required for biofilm development by <i>Pseudomonas aeruginosa</i> ," J. Bacteriol., 182:425-431 (2000)
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. RX	Pearce et al., "The rhizosphere as a biofilm," IN MICROBIAL BIOFILMS, Lappin-Scott et al. eds. Cambridge University Press, Cambridge, UK. Pp. 207-220.
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Sheet 5 of 7

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Pesci et al., "Regulation of las and rhl quorum-sensing in <i>Pseudomonas aeruginosa</i> ," J. Bacte 179:3127-3132 (1997)					
RE	Pessi, G. et al., "Dual control of hydrogen cyanide biosynthesis by the global activator GasA in Pseudomonas aeruginosa PA01," FEMS Microbiology Letters, 200(1):73-8 (2001).				
22	Pierson III et al. "Homoserine lactone-mediated gene regulation in plant-associated bacteria," Annu. Rev. Phytopathol, 36:207-225 (1998)				
	Plumb, D.C., Veterinary Drug Handbook, Fourth Edition, Iowa State Press, p. 632 (2002).				
RZ	Pratt et al., "Genetic analysis of <i>Escherichia coli</i> biofilm formation: roles of flagella, motility, chemotaxis and type I pili," Mol. Microbiol., 30:285-293 (1998)				
RZ	Radtke et al., "Factors affecting antagonism of growth of <i>Phanerochaete chyrsosporium</i> by bacteria isolated from soils. Appl. Microbiol. Biotechnol. 41:274-280 (1994)				
RX	Rahme et al., "Common virulence factors for bacterial pathogenicity in plants and animals," Science. 268:1899-1902 (1995)				
· RZ	Rahme et al., "Use of model plant hosts to identify <i>Pseudomonas aeruginosa</i> virulence factors," Proc. Natl. Acad. Sci. USA, 94:13245-13250 (1997)				
. R2	Rahme et al., "Plants and animals share functionally common bacterial virulence factors," Proc. Natl. Acad. Sci. USA, 97:8815-8821 (2000)				
ft	Rashid, M. et al., "Inorganic polyphosphate is needed for swimming, swarming, and twitching motilities of Pseudomonas aeruginosa," Proceedings of the National Academy of Science USA, 97:4885-4890 (2000).				
Pt.	Rashid et al., "Polyphosphate kinase is essential for biofilm development, quorum sensing, and virulence of Psedomonas aeruginosa," Proc. Natl. Acad. Sci. USA, 97:8815-8821 (2000)				
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RE	Riosen, P.A. et al., "Identification of the DNA-binding sites for two response regulators involved in control of bacteriocin synthesis in Lactobacillus plantarum C11," Molecular and General Genetics, 259:224-232 (1998).				
ea	Rumbaugh et al., "Contribution of the regulatory gene lasR to the parthogenesis of <i>Pseudomonas</i> aeruginosa infection of burned mice," J. Burn Car Rehabil., 20:42-49 (1999)				
RŁ	Rumbaugh et al., "Contribution of quorum sensing to the virulence of <i>Pseudomonas aeruginosa</i> in burn wound infections," Infect. Immun. 67:5854-5862 (1999)				
W	Saleh, S. et al., "Involvement of gacS and rpoS in enhancement of the plant growth-promoting capabilities of Enterobacter cloacae CAL2 and UW4," Canadian Journal of Microbiology, 47:698-705 (2001).				
ρł	Sambrook, J. et al., "Molecular Cloning: A Laboratory Manual," Cold Spring Harbor Laboratory Press (1989).				
· RE	Sanchez-Contreras, M. et al., "Phenotypic selection and phase variation occur during alfalfa root colonization by Pseudomonas fluorescens F113," Journal of Bacteriology, 184:1587-1596 (2002).				
.65	Schweizer, H. "Allelic exchange in Pseudomonas aeruginosa using novel ColE1-type vectors and a family of cassettes containing a portable oriT and the counter-selectable Bacillus subtilis sacB marker," Molecular Microbiology, 6(9):1195-1204 (1992).				
RZ	Schweizer, H., "Escherichi-Pseudomonas shuttle vectors derived frompUC18/19," Gene, 97:109-112 (1991)				
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PZ	Schwyn, B. et al., "Universal chemical assay for the detection and determination of siderophores," Anal. Biochem, 160:47-56 (1987)					
Pl	Seed et al., "Activation of the Pseudomonas aeruginosa last gene by LasR and the Pseudomonas autoinducer Pal; and Autoinduction regulatory hierarchy," J. Bacteriol., 177:654-659 (1995)					
ρł	Semmler et al., "A re-examination of twitching motility in <i>Pseudomonas aeruginosa</i> ," Microbiol., 145:2863-2873 (1999)					
RZ	Seveno, N.A. et al., "Growth of Pseudomonas aereofasciens PGS12 and the dynamics of HHL and phnezine production in liquid culture, on nutrient agar and on plant roots," Microb. Ecol., 41:314-324 (2001)					
RZ	Simon, R. et al., "A broad host range mobilization system for in vivo genetic engineering: transposon mutagenesis in gram negative bacteria," Biotechnology, 1:784-791 (1983).					
pr	Singh et al., "Quorum-sensing signals indicate that cystic fibrosis lungs are infected with bacterial biofilms," Nature, 407:762-764 (2000)					
2.1	Smith et al., "Transformation of Pseudomonas aeruginosa by electroporation," Nucl. Acids Res. 17:10509 (1989)					
RZ	Snyder, L. et al., "Global regulatory mechanisms In: Molecular Genetics of Bacteria," American Society for Microbiology, 309 (1997).					
P7	Stock, A.M. et al. "Two-component signal transduction," Annual Reviews Biochemistry, 69:183-215 (2000).					
0.3	Strathmann, M. et al., "Application of fluorescently labeled lectins for the visualization and biochemical characterization of polysaccharides in biofilms of Pseudomonas aeruginosa," Journal of Microbiological Methods, 50:237-248 (2002).					
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el	Stover et al., "Complete genome sequene of Pseudomonas aeruginosa PA01, an opportunistic pathogen," Nature, 406:959-964 (2000)					
RY	Suci et al, "Investigation of ciprofloxacin penetration into Pseudomonas aeruginosa biofilms," Antimicrob. Agents. Chemother., 35:2125-2132 (1994)					
lł	Tan et al., "Killing of Caenorhabditis elegans by Pseudomonas aeruginosa used to model mammalian bacterial pathogenesis," Proc. Natl. Acad. Sci. USA, 96:715-720 (1999)					
lz	Tan et al., "Pseudomonas aeruginosa killing of Caenorhabditis elegans used to identify P. aeruginosa virulence factors," Proc. Natl Acad. Sci. USA, 96:2408-2413 (1999)					
RZ	Tang et al., "Contribution of specific Pseudomonas aeruginosa virulence factors to pathogenesis of pneumonia in a neonatal mouse model of infection," Infect Immun., 64:37-43 (1996)					
. pt	Tombolini, R. et al., "Colonization pattern of the biocontrol strain pseudomonas chlororaphis MA342 on barley seeds visualized by using green fluorescent proteins," Appl. Environm. Microbiol., 65:3674-3680 (1999)					
RX	Tortosa, P. et al., "Competence for transformation: a matter of taste," Current Opinions in Microbiology, 2:588-592 (1999).					
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· 68	Van Deldon, C. et al., "Cell-to-cell signalling and Pseudomonas aeruginosa Infections," Emerging Infectious Diseases, 4:551-560 (1998).					
. R	Vogel, H.J. et al., "Acetylornithinase of Escherichia coli: partial purification and some properties," The Journal of Biological Chemistry, 218:97-106 (1956).					
QX	Walters, M. et al., "Contributions of antibiotic penetration, oxygen limitation, and low metabolic activity to tolerance of Pseudomonas aeruginosa biofilms to ciprofloxacin and tobramycin," Antimicrobial Agents and Chemotherapy, 47(1):317-323 (2003).					
RZ	Ward, K. et al., "Mechanism of persistent infection associated with peritoneal implants," Journal of Medical Microbiology, 36:406-413 (1992).					
Examiner	Date					

Examiner Signature Considered Considered 9/7/65

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO				Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/828,557
				Filing Date	April 21, 2004
				First Named Inventor	Douglas G. Storey et al.
				Examiner Name	ROBERT A ZEMAN
Sheet	7	of	7	Attorney Docket Number	028722-381

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
RZ	Whistler et al., "The two component regulators GacS and GacA influence accumulation of stationary phase sigma factor σS and the stress reponse in Pseudomonas fluorescens Pf-5," J. Bacteriol., 180:6635-6641 (1998)				
ft	Whiteley, M. et al., "Gene expression in Pseudomonas aeruginosa biofilms," Nature, 413:860-864 (2001).				
Rt	Willis, D.K. et al., "Isolation and characterization of a Pseudomonas syringae pv. Syringae mutant deficient in lesion formation on bean," Molecular Plant-Mibrobe Interations, 3:149-156 (1990).				
f z	Wohleben, W. et al., "On the evolution of Tn21 multiresistance transposons: Sequence analysis of the gene (aaaC1) for gentamicin acetyltransferase-3-I(AAC(3)-I), another member of the Tn21-based expression cassette," Molecular and General Genetics, 217:202-208 (1989).				
R7	Yanisch-Perron, C. et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," Gene, 33:103-119 (1985).				
PE	Yanke, S. et al., "Serum immune response to Girardia duodenalis in experimentally infected lambs," Veterinary Parasitology, 75:9-19 (1998).				
RZ	Zhang et al., "Induction of gene expression in Escherichia coli after pilus mediated adherence," Science, 273:1234-1236 (1996)				
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Examiner Signature Date Considered 9,700

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.